ABSTRACT OF THE DISCLOSURE

A vehicle air conditioning system uses a non-contact temperature sensor for feedback control of the temperature of the air blown out from a blowing opening. The degrees of opening of an air mix damper and a bypass open/close damper are controlled by actuators that respond in accordance with a temperature detected by the non-contact sensor so the blowing temperature will ultimately approach a target value. Air conditioning control is achieved as desired by this feedback control of the blowing temperature without providing wiring for a temperature sensor near the blowing opening.